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TITLE: Lubricant for hot rolling comprises aq. soln. contg. iron oxide, reduced anhydride of sodium silicate, starch or modified starch and xanthan gum

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ABSTRACTED-PUB-NO: JP 11035967 A

BASIC-ABSTRACT:

A **lubricant** for hot rolling comprises aq. soln. contg. 10.0-40.0 pts.wt. iron oxide, 5.0-30.0 pts.wt. reduced anhydride of sodium silicate, 0.1-5.0 pts.wt. starch or modified starch and 0.01-1.0 pt.wt. xanthan gum. Also claimed is : a method for **lubricating** a horizontal **disk roll** type guide shoe the rotating axis of which is vertical to the ground, arranged on an inclined roll mill for mfg. seamless steel pipe comprises applying the liquid to the surface of the guide shoe under keeping the temp. of the shoe at 0-150 deg C using an air spray gun and also making the discharging pressure 0.2-1.5 MPa and the amount of application 50-300 g/m squared.

USE - The **lubricant** is suitably used for a **disk roll** type guide shoe of an inclined roll mill.

ADVANTAGE - The **lubricant** gives improved **lubrication** to the guide shoe without sacrificing spray applicability and enables it to produce hot mill products having improved quality.

TITLE-TERMS: **LUBRICATE HOT ROLL COMPRIZE AQUEOUS SOLUTION CONTAIN IRON OXIDE REDUCE ANHYDRIDE SODIUM SILICATE STARCH MODIFIED XANTHAN GUM**

DERWENT-CLASS: A97 H07 M21 P51

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